

Serial No.: 10/658,417

IN THE CLAIMS:

1. to 3. (Canceled)

4. (Currently Amended) An arylamine compound according to Claim 3 14, wherein, in formula (2), at least two of Ar⁵ to Ar⁸ each represent an aromatic hydrocarbon group having 12 or more carbon atoms.

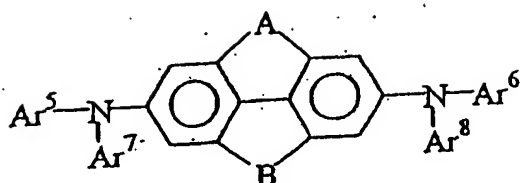
5. (Currently Amended) An arylamine compound according to Claim 3 14, wherein, in formula (2), at least two of Ar⁵ to Ar⁸ each represent a substituted or unsubstituted biphenyl group.

6. to 9. (Canceled)

10. (Currently Amended) The organic electroluminescence device according to Claim 8 15, wherein the layer of organic compounds is a light emitting layer or a hole transporting layer.

11. to 13. (Canceled)

14. (New) An arylamine compound represented by the formula (2):



wherein at least one of A and B represents an atom group forming a substituted or unsubstituted saturated five-membered to eight-membered ring that may include a spiro atom; and

Ar⁵ to Ar⁸ each independently represent a substituted or unsubstituted aryl group having 6 to 40 carbon atoms or a substituted or unsubstituted heterocyclic group having 5 to 40 carbon atoms and may represent a same group or different groups, with the following provisos:

(1) when A represents an atom group forming a substituted or unsubstituted saturated five-membered ring, B represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure;

(2) when A represents an atom group forming a five-membered ring structure including a spiro atom, B is vacant or represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure;

(3) when A represents an atom group forming a substituted

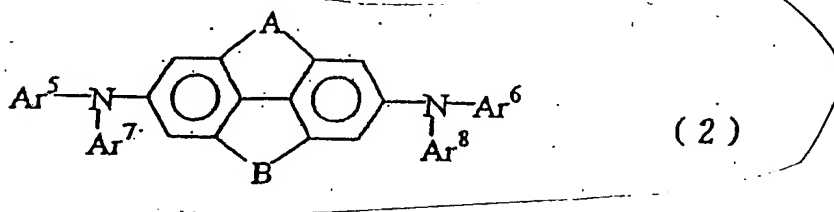
or unsubstituted saturated six-membered ring structure, B represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure;

with the further proviso that at least one of A and B does not include two or more unsaturated six-membered ring structures;

(4) when A represents an atom group forming a substituted or unsubstituted saturated six-membered ring structure including a spiro atom, B is vacant or represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure; and

(5) when A represents $-\text{CH}_2-\text{O}-$, B is vacant.

15. (New) An organic electroluminescence device comprising a pair of electrodes and a layer of organic compounds disposed between the pair of electrodes, wherein the layer of organic compounds comprises an arylamine compound represented by the formula (2):



wherein at least one of A and B represents an atom group forming a substituted or unsubstituted saturated five-membered to eight-membered ring that may include a spiro atom; and

Ar⁵ to Ar⁸ each independently represent a substituted or unsubstituted aryl group having 6 to 40 carbon atoms or a substituted or unsubstituted heterocyclic group having 5 to 40 carbon atoms and may represent a same group or different groups, with the following provisos:

(1) when A represents an atom group forming a substituted or unsubstituted saturated five-membered ring, B represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure;

(2) when A represents an atom group forming a five-membered ring structure including a spiro atom, B is vacant or represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure;

(3) when A represents an atom group forming a substituted or unsubstituted saturated six-membered ring structure, B represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure;

with the further proviso that at least one of A and B does not include two or more unsaturated six-membered ring structures;

(4) when A represents an atom group forming a substituted

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or unsubstituted saturated six-membered ring structure including a spiro atom, B is vacant or represents an atom group forming a substituted or unsubstituted saturated five-membered ring to eight-membered ring structure; and

(5) when A represents $-\text{CH}_2-\text{O}-$, B is vacant.

16. (New) An organic electroluminescence device according to Claim 15, further comprising a light emitting material.